De 27 1904 to Feb. 6, 1905

Nº 4. Dr. 4703. - Ar. Hy. 4519

4519 Jasiy 10,05 night Hyd. 4520 - 11 4521 4524 45-25 4526 4527 -182 - Low 5 , 902501

Long - 91006.4'W Lot. - 91006.4'W

Cor.

No. 4703 Dr. Date 27 Dec. 1904 Lucas Machine. Reel. Lucas Turns Cor.+ Depth 2228 futto

Turns Cor.+ Depth 222
Shot or lead 60 to and telegraph tules

Bottom sed clay.

Bottom temperature 35.8

No. of thermometer 108026

Corrected temperature 35,3

Air 72° Surface 73° Drift Trawl or dredge.

SOUNDING	WIRE.		DREDGE ROPE.		
DOWN.	UP.	TURNS.	DOWN. A 74	UP.	
0-408	- 57- 05	0	8-5-4-409	7-44-45	
1-35	50 - 00	100	9-00-25	41-00	
2-25	48-50	200	3-30	37-10	
3-15-	47-53	300	6-36	33-3	
4-10	46-53	400	9-9-50	9-30-	
5-10	45-50	500			
6-10	44-50	600			
7-05	43-50	700			
8-00	42-40				
9-00	41 - 41	900			
10-00	40 - 30	1000	100		
11-05	39-20				
12-05	38-2				
13-05	37-10		100		
14-10	36-00				
15-10	34-40				
16-15	33-30	State Comments			
7-20	32-2	1			
18-30	31-00	1000			
9 - 35	29-50				
20 - 40	28-30				
21 - 50	25-1				
23-00		2272			
23- 158	-25-2	2400			

D SOUNDING WIRE.		DREDGI	E ROPE.	
DOWN, Am. UP.	TURNS.	DOWN.	UP.	
	0 2500			
	105 2600		Marian To	
	200 2700		- 4	
	Jou 2800			
	400 2900		0 11 000	
	3000		300	
	3100			
	3200		16 6 8 8	
	3300			
	3400			
	3500			
	8600			
White the same of	3700			
44	3800			
A CONTRACTOR OF THE PARTY OF TH	3900			
	4000			
SERIA	L TEMPERA	TURES	1	
DEPTH. TEMP. NO. C	OF THER.	COR. CO	R. TEMP.	

DEPTH.	TEMP, NO. OF THER.		COR.	COR. TEMP.
25				
50				
100				
. 200				
300				
400		1 000		
500				
600		J		
700			M.E.	
800		- Justine		
900				
1000				

Cloudy Let 17 22 48 S Light Bruge E.S.E. Long 100 58 54 W Smoth Sea 523

Bar 29.98 This att 780

Dredging Course M.E.

No. Ir 4703 Ooith Date 27 Dec. 1904

Machine. Reel.

Turns

Cor.+

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Depth

Corrected temperature

Air Surface Drift N. Trawl or dredge 8 ft. Tames as before.

Drift N.E., T. 2 m

DREDGE ROPE. SOUNDING WIRE. TURNS. DOWN. UP. AUP. DOWN. 9-49-15 1.5).00 0 52-30 JJ.00 100 49,00 55-40 200 58-55 46.2 300 43.00 10-1-33 400 89.40 5-20 500 36.05 8- 50 600 32.40 700 15-25 29.10 800 18-40 25.45 900 22.20 1000 18.50 1100 * Let watch ahead 77 rin 1200 35-30 15.10. 10.45 39-50 1300 .07.20 43.00 1400 46-00 1500 01.45 49-20 1. 00.15 1600 16.30 1700 55-30 1800 58-95 -44.30 1900 45.30 2000 5-20 41.30 2100 36.30. 2200 12- 30 30.30 2300 11-16-00 12:25.60 2400

SOUNDIN	G WIRE.		DREDGE ROPE.
DOWN	UP.	TURNS.	DOWN. Am., UP.
1-19-10		2500	12.19.
22-40		2600	13.
26-10-	· /	2700	12.07.
1-29-30	WILLIAM STORY	2800	11:593
	2-600	2900	= 30 min dreozin
(Lat. 17	0/8:36"5.	/ 8000	
Lons. 10	0°52'18"m	3100	
Vair !	1	3200	
Morens	LESE	3300	
morena	L fen.	3400	
Dev.	29.0-	3500	
Theren.	ate . 800	3600	
Course		3700	
		3800	
Salar Land		3900	
103	The state of	4000	

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
1	10 4 A 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10			1 1 1 1
25		- 100		
50				
100				
200				
300			-01	
400		W		
500				
600		The state of		
700		A. C.		
800				
900	6			
1000		Comment Carlot		

REMARKS:

P. L. 61.2 (7-15 P.M.) 11-1023

No. Dr. 4704 Date 27 Dec. 04

Machine. Reel.

TurnsCor.+

Shot or lead

Bottom

Bottom temperature

No Soiltro No. of thermometer

Corrected temperature

Air 73° Surface 73° Drift NNE 0.3 mile.

SOUNDIN	G WIRE.		DREDG	E ROPE.
DOWN.	UP.	TURNS.	DOWN.	UP.
Surface	e Net	0		
1	tric light	100		2-1
attacher	1 //	200		
lever por	of boom	300	P.	M
/		400	Out	Ire
Town		500	7-15-00	8-05-00
Kofois	I Wets.	600	1 75	
lowing &	om stern	700	Towing	2 During
0 1		800		1 12
		900	140 111	
		1000	272	1
		1100		1
100		1200		100
		1300		1
		1400		
		1500	1	
		1600		
		1700	A Taranga	
1		1800		
-		1900		
119/11		2000		
1775 307		2100	i saint	-
The ball		2200		A SAMONDO
		2800		

SOUNDING	WIRE.		DREDGE	ROPE.	
DOWN,	UP.	TURNS.	DOWN.	UP.	
		2500			
		2600		erabas ou	
		2700			
		2800		, i	
		2900		13 11 1/20	
		3000			
		3100			
		3200		0.1.35	
		8800			
-		3400			
		3500			
		3600			
		8700			
		3800		Se we	
		3900			
		4000			

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		A 1		
50				
100				
200		The State of		
300		-		
400			V-91	
500		1		4.
600			-1-	
700		4 7	100	
800				
900				
1000				

11-1023

Cloudy - And sea. Position
South huye from ENE Leat. 16° 55.3' S.
Therm attacked 78°

Long P. I. 71.0

No. Dr. 4705 Date 28 Dec. 04

Lucas. Machine. Recl. Lucas

Turns Cor.+ Depth 2 Shot or load 60 lbs. 4 Telear. Tule Depth 203/ Jones

Bottom very It yet ben. Estab Oc

Bottom temperature 35.8°

No. of thermometer 108026.

Corrected temperature . 33,3

Air 75° Surface 72° Drift Entermediate Haul Travel or dredge

SOUNDING WIRE.			DREDGE ROPE.
DOWN.	TP.	TURNS.	DOWN, FORL UP.
8-04-00		0	0-51-36 1.2 1
.7-00	7	100	4:3
6-20	, 1	200	58.3 27
		300	10-1-43 1:1
8-10	£'-:	400	1.33
.9-00	. "	500	11-3
9-55		600	10 30
10-55		700	19 195 4 .
11-50	10 .17	800	17 1 - 11
12-50	"	900	20-35
13-50	40-05	1000	. 13 35 .7
14-50	39-00	.1100	7 32-12 1
15-50	37-50	1200	31 14
.16-55	3,6-40	1300	39-15 "
18-00	. 35-30	1400	42-10
19-00	34-15	1500	1/
20-05	32-55	1600	4:-:0 1
21-10	31-40	1700	2:0
22-15	30-25	1800	55 - 1
23-20	29-00	1900	58-45 16-4
21/	17.0	2000 2037	11-6: 12-11
- 25-00	8-27-10	2100	5-50 8-30
		2200	9-20 -4-30
		2300	12-30 12-0-20
		2400	16:40 11-56-10:
1 . 6 . 1 1 4	1 . 1.	14/4514/	

	SOUNDING WIRE.			DREDGE ROPE.
-	DOWN.	UP.	TURNS.	DOWN. Con UP.
			2500	11-21-30 11-52-00
			2600	25- 17 11 - 46- 0
			2700	Gredged ::
			2800	
			2900	Internediale Haul
			8000	18-57:-00 9- 46-00
			3100	9-00-51
			\$200	04-15 * 38-20
			\$300	07-35 34-30
			.0100	9-11-00 9-31-00
			3500	
×			3600	5' Cone / Bobbinetle Net
			3700	and 2 Ko Toids
			3800	11
			3900	with 400 fins rable,
	,		4000	Correse N.E.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500			e y	
600				
700				
800				
900				
1000.				

REMARKS:

Caronaler 29.93 Farmal, 77° Sarahang course N. I.



Shot or lead

No Sounding. Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Surface 72 Air Travel or dredge Surface Tow

SOUNDIN	G WIRE.		/ DREDG	E ROPE.
DOWN,	UP.	TURNS.	DOWN.	UP.
sat. 140	18142"8	0	7:48:30	8:08.3
20110. 980	45148"99	100	/	
Toudy.		200	= Towing	20 min
t. to sentle	br. Eby 8.	300	/ 3	
Moderate	Sec!	400		
Toudy. Toudy. Moderate Bay. 24	7.91	500		
Couse,	£. 78°	600		
Course,	N.24.E.	700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400	I	

SOUNDIN	IG WIRE.	myenara	DREDGE	ROPE.
DOWN.	UP.	TURNS.	DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3100		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500⁴				
600				
700				
800				
900				
1000				

REMARKS:

So. Dr. 4707. Date 2-9 Mos. Od. Depth 2/20 fins

Shot or lead 60 ft y J.C. J

rd. C. Bottom

35.80 Bottom temperature

No. of thermometer 108026 Cor.

Corrected temperature 35,3

Air 73° Surface 72° Drift Trawl or dredge Intermediate as before

SOUNDI	NG WIRE.		DREDGI	E ROPE.
Composition, DOWN.	UP.	TURNS.	ampown.	UP.
7:0000	8: 47.45	0	5: (7: : : : : : : : : : : : : : : : : :	9: 46.4
00.20	50.50	100	9-02.00	
06.0,-	40.	200	0:30	4000
16 0	up.on	300	08.50	36 35
08.00	48 0	400	a: 12.10	0.32.V,
00.15	47.05	500	- Towins	2072 74.
10.10	16.10	600		44.7/
1105	4.70	700	1. At. 12.	-53-105
12.60	40 10	800	1.005.97.	42 -00 W
15.00	12.10	900	Chrisy	
14 00	42 10	1000	Gentle bres	e, Esis
1, 00	41.05	1100	Mrtien	Sea.
1/2.00	40.00	1200	Bur. 2	9.97
17.00	38.17	1300	non in	= 780
18.05	27.05	1400	Crinic,	
10 .0	3600	1500		
20.10	24.4-	1600		
21.10	72.25	1700		
22.5	32.15	1800	-	
27.20	11.00	1900		
21/20	27 30	2000		
2.50		2100		
8: 25.40	8.27.45	2/20		
		2300		
21 6 411	CVC. 12 L.	2.100		

SOUNDIN	G WIRE.		DREDGE	ROPE.
DOWN,	UP.	TURNS.	, DOWN,	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3800		
		3100		
		3500		
ĺ		3600		
		3700		
		3800		
		3900		
		4000		

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Amil.	72.0	104 922	-0.3	.72-17
/25	72.7	108:025	-0.2:	72.5
50	70.0	108151	-0.2	69.8
100	57.2	108154	-0.5	56.7
200	49.8	10 4024	_ 0.6	40.2
300	45.8	104914	-0.7	45:1
400	42.6	109 635	_0.4	42.2
500				
600	39.7	108156	-0.6	37.1
700	//.			
800	38./	108155	-0.8.	37.3
900	Sieson	a who and a	- A (-	The Residence
1000	-	it and of	···i·c.	,

11-1023

REMARKS:

Starles to lower at 9: 50 am 900 for the men 10: 19:15.
Similar to per a 10: 19:15.
Up at 10: 11.00.

No. 11. 4708 Date 29 Dec. 04

Machine. Reel.

Cor.+

Turns

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air 73° Surface 72° Trawl or dredge Surface Hay

Joni 1

Depth

Cor.

Drift

SOUNDING WIRI		DREDGI	E ROPE.
DOWN. UP.	TURNS.	DOWN.	UP.
5' Con Vict	0	Orch	1
	100	Vich	1,
to a sugar his	200	(: ;	.)
	300	Line	1/2
Tue Liveies		1-45 00	8-1:
Just Jarres	400 500		
Contraction of the second		Jan.	1. 181.1
	600		
Pos:	700		
7-1 100010	800		
Lat. 11.40'S. Isong, 96°55'W	900		
110219.96 35 W	1000		
	1100		
	1200		
	1300		
	1400		
	1500		
	1600		
	1700		
	1800		
	1900		
	2000		
	2100		
	2200		
	2300		
	2400		

SOUNDIN	G WIRE.		DREDGE	ROPE.
DOWN.	UP.	TURNS.	DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		8200		
		3300		
		3400		
		3500		
ĺ		3600		
		3700		
		3800		
		3900		
		4000		

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Ly to gentle been from Coon. 29.92' Them. attack 78°

11. 42.

4709 . Date 30 Dec. '04 No. Dr.

Machine, Reel, Jugas

Depth 2035 fine. TurnsCor.+

Shot or lead

Bottom

Bottom temperature

No. of thermometer 108026 Cor. Corrected temperature

Air

Surface 720 Drift Kmil U.S. Trawl or dredge

SOUNDI	NG WIRE.		DREDGE	ROPE.
DOWN.	UP.	TURNS.	DOWN.	UP.
~		0	- 50-30	2-21-
	8- 48-35			
04-4	111	100	. 56-00	
05-30	1 /	200	59-10	/3-
06-15	45-45	300	10-2-30	.10-
07-03	. 44-45	400	: 6-00	7-
-07-53	43-45	500	\$ 9-20	
08-50	1/2-45	600	5 12-35	2 -0/-
-40	. 411-45	700	16-00	5-7-
10-35	40-40	800	19-20	54-
11-30	39-40	900	\$ 22-35	50-
12-30	1	1000	25 - 55	46-
13-30		1100	34-05	. 43-
14-30	1	1200	37-15	
15-30		1300	40-30	36-
, ,	-	1400	43-50	74.
		1500	46-55	
17 18-40		1600	49 - 35	26.
		1700	52-50	23
19-45		1800	56-00	19-
20- 45			米	
. **	1	1900	11-00-25	. 16-
23-0	26-05	2000	04-10	11-3
- 23 - 38	8-25-30	2100-	. 07-40	7-3
, 1		2200	1110.	1-03-0
12		2300	14-35	3-8-5

SOUNDIN	G WIRE.		DREDGE I	ROPE.
DOWN,	UP.	TURNS.	DOWN,	UP.
		2500	11-21-35	11-50-00
		2600	11-25-001	11-45-0
		2700		
		2800	Dredged 2	Ossim.
		2900		
		pooo	A . 5.	/ -
		8100	9-02-00	49-3
		\$200	05-30	39-3
Dredgin	• • • • • • • • • • • • • • • • • • • •	\$300	4 / 1	
NE.		\$100	5 2	12
		3500		
Position:	2.	8600	Tweel 2	O receive
. 100	15'11"8.	3700	5 St. Cone4.	2.Kofoids
950	40'48"37	3800	at 300 fins	-7
		3900	cable.	
		4000		

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Obar . 29.9,

11-1023 Dr. 4710 Date 30 Dec., 1904. Machine. Reel. Turns Cor.+ Depth Shot or lead No Soundins Bottom Bottom temperature No. of thermometer Corrected temperature Air Surface Travel or dredge Surface Haul SOUNDING WIRE. DREDGE ROPE TURNS. DOWN. DOWN. Ore. UP. UP. 4-ft Surface Net 1/2. 0 with electric It. 100 7:46:00 8:06:00 towins 200 port Tower Doom 800 400 The two 500 aft, so before 600 1930.518 700 LONS. 95008.3' M. 800 Fristy class. 900 Gentle breeze from Exot 1000 (Toderate Ser. 1100 Bar. 29.88 1200 Therm. Attd. 790 1300 Course N.E. 1400 1500 1600 1700 1800 1900 2000

2200

2400

Lat. 9°30'30"S. Lons. 95°08' 18"W.

SOUNDING WIRE.		- MITTING	DREDGE	ROPE.
DOWN,	UP,	TURNS.	DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		8400		
		3500		
		8600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

			-	
DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP,
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

1.711 Date 1

Machine. Reel. Lucay

Cor.+ Depth 2240 for 50 Tubes. Turns

Shot or lead

Bottom temperature 35.80

No. of thermometer /08026 Cor.

Corrected temperature

740 Surface AirDrift 1/2 mile N.E. Trawl or dredge T Total allow, a way los

		Y: "		Carl Carl	4
200	SOUNDIN	G WIRE.	TURNS.	, DREDGE I	ROPE.
	DOWN.	UP.	TUKNS.	pown.	UP.
	011:0	6:00	0	11, 21,30	. 0
	05.20	5% / s	100	04.41-	
	()	0.15	200	09.00	11
		12.5	300	11.15	13-
	1 : 1-	11,00	400	14.15	10-3
	05	(0,00	500	17.20	. 07-
	· ' ' >	6:.:	600	20.2	04-
	1.5.	47.5	700	23.95	201-0
	11 .	1/200	800	27.15	5.7-
	1. 1.	11-1	900	Jo.45	54-5
	-	det :	1000	. 33.45	50-5
	1	401	1100	. 37.10	47-2
	15.0	vin -	1200	10.25	1/4-10
	-	4	1300	43.40	40-53
	"		1400	47.10	37-30
	15 1.5	11 1	1500	50.25	34-20
	11 -	17.00	1600	53.73	3/=10
	7,7,7	11. 1.	1700	57.15	2.7-5
	7 '	77.61	1800	12-00-30	24-30
	シンニ	32.5	1900	04-00	21-00
	200	(2.2.	2000	0.7-20	17-3
	,	0	2100	10-35	13 - 50
		2000	2200	13-50	10-10
	26:15	,20.1	2240	1	01. "
			2400	20-30	

Lot. 7.47. 30" S.

SOUNDING WIRE.			DREDGE I	ROPE.
DOWN,	UP.	TURNS.	DOWN.	UP.
a	· .	2500	1: 13 43	5 y.
· hoters	Sinter	2600	. 26-50	
See 4	· c ;	2700	2 owned 2	1: 50-
00 400 0	no were	2800	Thinky cheey	To Name and Address of the Contract of the Con
· ill. 2	1 1 in 1, 4	2900	List breeze	from E.
0:03.70	10:57.4.	, 8000	Motural	fer.
06.0	55.70	8100	12. 27.	./j =
10.15	1 17 50			= 8/1
13.15	118.00		Care es	1 -
16.25	10:14,	3100		
200 0000	20x 5-	3500		
	7000.	3600		
		3700		
		3800		
		3900		
		4000		

✓. SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	74.0"	101 175	-0.0	
50	60,00	109 15%	-0.1	Je 100 - 1 - 5 .
100	55.50	104914.	_0.6	5-4.90
. 200	51.80	108154.	-0.7	51.10
300	46.00	109635.	-04.	45.60
400	44.00	104924.	-0.6	43.40
200 :				
600	6. 8.	105 1.		(1,2.
700	The second second			an /
800	38.2	108 4	- C.)	77. 4
900	1117			
1000				

1000

REMARKS:

1 100 at 9:29:00 1 16 at 9:24:08 25 At 9:57:00

P.L. 71.1 Date 3/ Recl. Machine.Depth Turns Cor.+ Shot or lead BottomBottom temperature No. of thermometer Corrected temperature Air 760 Surface 74 Trawl or dredge SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. UP. DOWN. UP. 0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400

Lat.

SOUNDIN	G WIRE.		DREDGE	ROPE.
DOWN,	UP.	TURNS.	DOWN.	UP
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3100		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

. DEPTH.	TICMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				
11-1023		No bold of 1 for the		

REMARKS:

P.L. S'113 11-1023

No. 47/3 Dr. Date / Jan. 1905 Lucas Machine. Reel. Lucas Turns Cor.+ Dopth 3.19/

Depth 2191 laths.

Shot or lead 60 lbe 3 1. C. Tubes

Bottom Globe Ca.

Bottom temperature 35.8

No. of thermometer 108026 Cor.

Corrected temperature 33.3

Air 77 Surfa Surface 78 Drift 7-

-		2 1	de in		
	SOUNDING	WIRE.		DREDGE	ROPE.
	DOWN.	UP.	TURNS.	DOWN,	UP.
,	575.	-371-15	0	>/	,
	1 1 20	12-1	100	21	
		1. /	200	28.1	
	** - * 4	13	300	1,2-0.	. ,
		1 , 10	400	9.316	. /
		2 to 1/2	500	Towest	20 000
	,	719 - J	600		
	.,	1/1	700		
	1. 1.	#7	800		
		, No	900		
	. 3 4	1. L'	1000		
	. 117	40	1100		
	4.4	4/ 11	1200		
	1 11	4 / 1 / 1	1300		
	ी ्रा	1 1 2 2 1	1400		
	in a	10. 74	1500		
	:7 :	11. 11.	1600		
	11.17	18- 31	1700		
		11 - 51	1800		
		8 4. 1.3	1900		
	n / /	2 2	2000		
	1.5 11	1.7- 65	2100		
8 -	26-008-	28-05	2200		
			2300		

2400

Lat. 5.22/07.5.

SOUNDING WIRE.		TURNS.	DREDGE	ROPE.
DOWN.	UP.	TURNS.	DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3-100		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

	- 17 10 10 1000			
DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
Sees 8	76; 5	180 988	13	75.2
15-25	en: 4	101121	.2	33.1
30-60	74.4	104914	.3	J
37,74(11)	627	.108156	1:	1 . 5
200-200-	1	104924	. 4	471, 3
100-1100	32	109635		7.4.
25'400	5%. 6	1. 8/56	.6	2.4
500	84.9	10-1-4	. 4	11.1
600		· Coloure	9.	1 4//
700	16 1 /01	Elis out a	6 .4	15-15
800	200	e de la companya della companya della companya de la companya della companya dell	112 , 21 3	·_ · · · · · · · · · · · · · · · · · ·
900 .	ex the	a int	9-26	
1000	. 1	ottle 4 %	4	t. H. in.
11-1023	6-11-16	(C		

Fairly Chas. Bas Ther Att. Smooth Sec

P.L = 82.6 . 4714 Dute / Jan. 1905 Machine. Reel. Cor.+ Turns Depth Shot or lead Vo Soundi Bottom Bottom temperature No. of thermometer Cor.

Corrected temperature Air Surface 75 Trawl or dredge Surface SOUNDING WIRE. DREDGE ROPE TURNS. DOWN. UP. () 100 200 300 400 500 600 700 800 900

Lat.	401900	3 S
Lons.	7.0 28131	o W
-		

SOUNDIN	G WIRE.		DREDGE ROPE.		
bown,	UP.	TURNS.	DOWN.	UP.	
		2500			
		2600			
		2700			
		2800			
		2900			
		3000	,		
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
100				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 15: 4715 Dute 2 Jan. Serino Machine. Rest In Turns Cor.+
Shot or loud 60 f J.C. J. St. B. O3. Probably mading failed for Bottom temperature No. of thermometer 108.02 Corrected temperature di stating o Surface 75° Drift 12 mile 6. Air

SOUNDING WIRE.		TURNS.	an DREDGE ROPE.		
DOWN.	Ur.	TURNS.	DOWN.	UP.	
7.38	9: 17:1-	0	10:36.40		
58. 2	(* a. 's	100	-	1.	
27	76.00	200	*	1/	
· >	25.05	300	46.50	(
10.4	(1/15	400	.50.05	(
(,=	72.75	500	173.61	<i></i>	
	32.20	600	57.20		
1251	71.70	. 700	11:01.1:	1,	
()	20.30	800	04.50		
6.5.10	2000	900	08.25	4	
. 0.10	71.75	1000	12.00	/	
07.05	27.25	1100	15.45		
OF 0,-	26.20	1200	18.000		
13.15	25.15	1800	22.30	/	
1415	24.10	1400	2.10.11	3	
15.15	73.00	1500	24.5		
16.20	21.50	1600	17.14	(a)	
1725	20.70	1700	37.5%	1	
17.50	8:10.50	17/3	4/1.7	j	
drift wil	ile Som Fing.	1900	4.7.2	1.	
truck in	wind of	2000	119.4		
		2100	٠(٣٠٠)٠		
which is	ned down	2200	56 -an		
mesca		2300	11- 59-55	5.	
	4	2400 🗸	12- 04-00	12-5	

Lat. 2:40.4' S. Lions, 90. 10. 2' Nr.

SOUNDING WIRE.			DREDGE ROPE.	
DOWN,	UP.	TURNS.	DOWN,	UP
I. Inters	ni di ate	2500		
as but		2600	Chowdy.	
an		2700	Gentle br., :	. 5 2 .
		. 2800	Smooth Se	
		2900	·304.7.?	86.
.40.00	10.25.10	\$000	Thern att.	82
43.15	22.05	8100	Course,	Sai.
46.20	18.50	\$200		
47.00	15.35	3300		
51:50	10.12:00	\$400		-
	my 20 min	8500		
. /	- Committee of the Comm	0000		
oo fao, day	a with 400	8700		
form.	Prine .	3800		
		8900		
		4000		

Z - SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
Curface	750	10: 222	3	51
. 25	710	108 025x	4	70.60 10.1
50	63.20	105 8.2		10.00
100	570	109635	3	56.70
200	52.2"	108155	6	51.60
300	48.50	108156	6	47.90
400	44,0	108154	7	43.80
500	**, *			
600	410	104924	6	40.40
700				
800	38.90	108151	7	38. 20
900		The said ?	Ported &	M. margine
1000	nt en	s of orble.	1	*
11-1023		DESCID	TEC	

REMARKS:

Starter Com at C. K a So here at 0:10 a Sin here up 9:15 a Up ht 9:37 "

p. suns for pursoner

11-1023 . Date Reel. Machine. Turns Depth Cor.+ Shot or lead Bottom 1 Bottom temperature No. of thermometer Cor. Corrected temperature Air Surface Trawl or dredge TURNS. DOWN. in 0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000

Lat. 2018'30" S. V Long. 90002'36" W.

SOUNDING WIRE.			DREDGE ROPE	
DOWN,	UP.	UP. TURNS.		UP
Con.	,	2500		
-		ASE 2000		
5"m1		2700		
Bar Ther	y	2800		
ther :		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
000				
1000				

REMARKS:

No. Hy. 4579 Date Jany. 10, 05 Lucas Machine. Reel. Lucas 35 lbs + Tet. Tukes. Depth 1385 fins, Shot or lead

Bottom

Bottom temperature 360

No. of thermometer 108026 Cor. Corrected temperature 35,5

Air 77° Surface 76° Drift Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.		
DOWN.	UP.	TORINA.	DOWN.	UP.	
. 2		0			
	1 2 2 3	100			
	1.1.7	200			
		300			
1	" · · · "	400			
٠.,	39-15	500			
	11111	600			
	3635	700			
11	18=10	800			
/ ·	1 -4	900			
	32-05	1000			
1. 11	1.1	1100			
1-16	37	1200			
		1300			
1 111		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
	ACCIA	2100			

Lat. 10 311 8. V Long. 910 041 W.

SOUNDING WIRE.			DREDGE ROPE.		
DOWN.	UP.	TURNS.	DOWN,	UP	
		2500			
		2600			
		2700			
		2800			
-		2900			
1		3000			
		3100			
		3200			
		3300			
		::100			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
-100				
500				
600				
700				
800				
900				
1000				

REMARKS:

Cloudy Le Steep from 3. 10 Prisonne 29, 75 Them attacked 78.5 4. 1/5-20 Date / 1 125 Machine. Reel. Luca

Depth /8/3 Turns Cor.+

Shot or lead 35 th an

Bottom temperature 36

No. of thermometer 108026

Corrected temperature 35.5

Air 76° Surface 74°

SOUNDING WIRE.			DREDGE ROPE.	
DOWN. AZZ	UP.	TURNS.	DOWN.	Uľ
2.・2:		0		
1.0:		100		
8-10	,	200		
/ .	1.	300		
1	17.	400		
45		500		
1		600		
	2 1	700		
		800		
1 -1.		900		
1 .		1000		
,		1100		
1:-/	1, 1	1200		
1 :		1800		
	7	1400		
,		1500		
	111111	1600		
/		1700		
		1800		
: /2.		1900		
		2000		
		2100		
		2200		
		2300		

Lat: 10 461 48"S.

SOUNDIN	G WIRE.	1	DREDGE	ROPE.
DOWN. UP.	UP.	TURNS.	DOWN,	UP.
		2500		
		2600		
		2700		
1		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3100		
		3500		
		3600		
		3700		
		3800		
		3900		
		-1000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Machine. Ract.

Turns

Depth

Shot or lead

Bottom Bottom temperature

No. of thermometer Corrected temperature

Air 80° Surface 75° Drift Trawbor dredge

SOUNDING	G WIRE.		DREDGE	ROPE.
DOWN.	UP.	TURNS.	DOWN.	UP.
02.5	8:45.35	.0		
03.05	144.10	100		
03.55	13.00	200		
04.40	41.55	300		
05.30	40.45	400		
	39.40	500		
07.15	38.40	600		
08.10	77.3.	700		
09.00	36.25	800		
	3.1.15	900		
	34.05	1000		
	12.5	1100		
15.00	31.35	1200		
		1800		
	29.00	1400		
	27.40	1500		
	26.20	1600		
	25,00	1700		
20.10	23.20	1800 /87/ -1900		
		2000		
		2100		
F 4. 1	. ing.	2200		
	1	2300		
		2400		

Long. 92° 29'54" W.

SOUNDIN	NG WIRE.		DREDGE	ROPE.
DOWN.	UP.	TURNS.	ройи.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3100		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

II-1023 REMARKS:

P.I. 69.1 (4P.M.)

11-1023

4823. No. Hy Date // Jarray 0:

Machine. Reel.

Depth 1924 fins: Turns Cor. + Depth Shot or lead 60 lbs. 4 Tel. Tubes Turns Cor,+

BottomBottom temperature

No. of therinometer / / Cor. Corrected temperature

Air 80° Surface 77°

SOUNDIN	G WIRE.		DREDGE ROPE		
DOWN.	UP.	TURNS.	DOWN.	UP	
	4-45-10	0			
13-00	144-10	100			
0.3-45	43-15	200			
04-30	42-15	300			
05-20	4/-20	400			
06-15	40-20	500			
07-10	39-20	600			
08-05	38-20	700			
	37-20				
10-00	36-15	900			
	35-10				
12-00	33 -30	1100			
13-05	32-20	1200			
	31-10				
15-10	30-00	1400			
	28-45	1500			
17-15	27-20	1600			
	26-05	1700			
19-25	: 24-45	1800			
20-35	23-20	1900 1924 2000			
	,	2100			
ift NW	r'ly	2200			
		2300			
		2400			

Liat. 2° 42.4 5.

SOUNDIN	IG WIRE.		DREDGE	ROPE.
DOWN.	UP.	TURNS.	DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11 - 1023

REMARKS:

and the

No. 45 1 Hy Date 12 Jane 10 5

Lucas Machine. Reft. Lucas

Turns Cor.+ Dopth 2031 father.

Shot or lead 60 lbs. 4 T.C. Tubes

Bottom bt., Island Org.

Bottom temperature 35.9

No. of thermometer 108027 Cor. 6

Corrected temperature 35.3

Drift

Air 82° Surface 77

Trawl or dredge SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. Am, UP. . UP. DOWN. 4. 5.25

1 1 30 361 50 8.

SOUNDIN	G WIRE.		DREDGE	ROPE.
DOWN.	ur.	TURNS.	DOWN,	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
•		3300		
		3100		:
		3500		
		3000		
		3700		
		3800		
		8900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP,
25				
50				
100				
200				
300				
100				
500				
600				
700				
800				
900				
1000				

No. Dr. 4717 Dute 13 January, 1905.

Lucas Machine. Rect.

Turns Cor.+ Depth 2/53 for.

Shot or load leof ma J. C. J.

Bottom rash C. glob. Qs.

Wire shirtel

Bottom temperature 35.8°

No. of thermometer 108027 Cor.

Corrected temperature 250 Drift East 34 mile

Travol or dradge III. Francis S. 2 floats tail wto, much bag SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. am DOWN. 10:44.10 8:00.35 8:51.00 0 2-34-00 47.05 01.35 50,00 200 51.10 49.05 02.30 CK.20 300 03.20 48.05 29.20 17.20 1 ... : 04:20 47.10 400 11:50.70 2.7.20 46.05 500 15-33 06.15 600 02.35 1.5.00 12 ... 26 50 700 07.10 43.55 10.10 08.10 800 42.50 1000 900 09,10 2-15 30 U1. - -17.15 1000 10.10 40.20 1100 11.10 39:10 24. 5 12 10 17.55 51-20 27,50 13-15 36.40 1300 41 -,) 3120 11: 11 14.20 35.20 1400 25.15 14.00 1500 31.45 16.30 32.35 42.10 17.50 11.10 1700 36-90 45.50 18.35 24.5 1/4 25 19.45 1900 27-31 28.20 V2 ... 2000 20,45 27.00 2.1 - 1) 14.35 21.0 2100 20.01 25.20 2/53 16-10 8:24.30 4: 22.50 12-00-10

2300

2400

03-40

17-30

out of plumb

12 70

06 ...

Lat. 50	10:	18'	.2 5	7000
Lat. 50	53,	00	JAL (No. 11 . 12 .

THE TAXABLE PARTY	// THE TOWN	- y	DREDGE	DODE
SOUNDIN	(+ WILEE, *	TURNS.	DREDGE	ROPE.
DOWN,	UP.	TORMS,	DOWN.	UP.
I. Inter	me histo	2500	12-11-10	1-04-30
t/a	C:	2600	14-30	1-00-40
Robler in	I am	2700		56-3
Too The	rif	2800 _	/	
- at 1	¥2 . —	2900		
10:06.45	10,00.00	\$000	Live to 1	9.4
10.00	36.50	3100	7	
	33. 45	3200		
15.00	3000	\$300		
0.10.10	10,77,10	2100		
Pet will.	Sand 12 min	3500	L'ander	
Parina 2	U mi	3600	home some	- 114
Con. E,	14. 0.82	3700	Mercaria	110-
-	5 2	3800	X	
,	1	3900	(Z.,	ξ
		4000		

Z: SERIAL TEMPERATURES

burrn.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
1	196:-	104922.	3	*****
25	76.8	108.075.x	7	71
50	67,	184 924.	6	0=77
100	6.08	1.0 4984.		* 5.
200	50.00	108/21		< 1.0
300	471	16.235		1', '
400	44.9	108156.		4'
500				
600	1/3.1	108151	-· ;'	27.00
700				
800	28.4	199	~. 4'	37.00
900	1 11. 1	1 6 Cars 20	no in	
1000	× 1.0.	In office were.		

800 fm down at 9.33.40 } 5 m

Machine.

Turns

Cor.+

Depth

Shot or lead

Bottom

Bottom temperature No. of thermometer . .

· Corrected temperature Surface

Air 76

SOUNDING WIRE.		MIDNO	DREDGE ROPE	
DOWN,	UP.	TURNS.	DOWN. 7/1, UP.	
		0	113	
		100		
		200		
		300		
		400	1-1-30 1.	
		500		
		600		
		700		
		800		
		900		
		1000	2 Koforas tor	
		1100	2 K foins tor astern 7-1-30 7-2	
		1200	7-1-30 7-2	
		1800		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
İ		2100	1	

La: " " Long, 9:0 32.2 W. SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. UP. DOWN. UP. 2500 2600 2700 2800 2900 3000 3100 3200 3300 3100 3500 3600 3700 3800

SERIAL TEMPERATURES

3900

DEPTH.	TRMP.	NO. OF THER.	COR.	COR, TEMP.
25				
50				
100				
200				
300				
400				
500			.	
600				
700				
800				
900				
1000				

11-1023

REMARKS:

Soudy

No. 1 - 4719 Date 14 Lines 1950 Lucas Machine. Red Lucas Depth 2285 far.

Shot or lead boff and J.C.J. Bottom rd. C. Many Nos.

Bottom temperature 29.5 (1)

No. of thermometer /08027, Cor.

Corrected temperature

Air 77 Surface 750 Drift Erst, 0.8%.

CHE SOUNDING WIRE. DREDGE ROPE TURNS. E. DOWN. DOWN. 8,02.10 8.15.00 0 03.15 :57.50 100 200 52.48 05.10 51.45 300 06.00 50.40 400 06.VD 49.35 500 07.45 48.20 600 08.35 700 41.25 00,00 46.20 800 10.25 900 45.15 11.25. 1000 44.05 12.25 1100 42.55 13.30 41.45 1200 14.30 1300 . 40.30 14.15 1400 16.35 19.00 1500 1.7.40 36.40 1600 18.45 11.7 1700 19.50 1800 34.05 21.00 32.00 1900 31.25 2000 22:05 23.10 30.00 2100 24.15 2200 28.35 9. 75.178.27.15 2100

Long. 1010/14: 12 W.

SOUNDING WIRE.	(DYTT) \$1.1	DREDGE	ROPE.
DOWN. Que. UP.	TURNS.	DOWN.	UP.
I. Intermetion as	2500		
bodie:	2600	Fairly cie	
(For his wine of)	2700	Lt. breeze	ism Es.
	2800	2119621	. Sra.
	2900	Pur. 2.3.	
01.45 11. 48.10	3000	I war	81.
05.15 10.60	3100		
08.20 4/17	2500		
11.35 38.10	3300		
7.14.30 9.24.20	3100		
(Fixing) min.	3500		
took	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Machine.

Date

Turns

Cor.+

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Depth

Corrected temperature

SOUNDING WIRE.

.1ir Surface

DREDGE ROPE.

Trawl or dredge

DOWN.	UP.	TURNS.	DOWN.	UP,
7	lightalterched	0		
	N. Sworn	100	P ::	-
111. 2	W. driel.	200		1
winge	stern	300		7-11 1
/		. 400		
		500	Dowing 2	Omin
		600	ı	
		700		
		800		
		900		
		1000		
1		1100		
Char.		1200		
Char Gentle bi		1300		
- · -		1400		
		1500		
	", , -5	1600		
Them. attar	hal'	1700		
	,	1800		
	SW. 3480	1900		
		2000		
		2100		
		2200		
		2300		
		2100		

Inat. 72 1313'S V Losty. 102-31.5' W

SOUNDING WIRE.		DREDGE	ROPE.
DOWN. UP.	TURNS.	DOWN.	UP.
	2500		
	2600		
	2700		
	2800		
,	2900		
	3000	-	
	8100	. •	
	3200		
	3800		
	3400		
	3500		
• •	8600		
	8700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
800				
400				
500				
600				
700				
800				
- 900				
1000				

1:1, 07. 10

No. Dr. 4721 Date 15 Jany. 05 Machine. Reel. Lucas

.Turns, Cor.+ Depth 2084 1005.

60 lbs & T. T. Shot or lead

Bottom temperature No. of thermometer 108026

Corrected temperature

Surface 75 ° Dr Air . . 79 " Trant or dredge

	SOUNDIN	G WIRE.		DREDGE I	ROPE.
	DOWN.	UP.	TURNS.	DOWN.	UP.
	A.	8-11-0	0	10-21-	,
,	011-6.	1,7-47	100	:	
	03:30	1/2 - 3	200	32 : "	
	11 15	1	300	35~10	
	05 22	43-55	400	30-10	
	. 7	42 35	500	17 : 1	
	6-1.	41-55	600	44-10	-1-3
	07:5		700	47-26	
	01 (1	37 37	800	50- 70	
	1	.1 8 1.1	900	51	
	10	37 40	1000	5734	1
	1, - 27	.5519	1100	11-66-51	
	1: "	34 47	1200	5	1
	1: 1	31 -15	1300	07.4.	7
	11. 2	33 - 13	1400	11-20	
	15-15	31-47	1500	14-10.	
	15	.₹ 5 ±2 °°	1600	10.00	: 1
	17-15	27-00	1700	21. 49	
	16 35	2/ :	1800	25. 99	
	1	2130	1900	26-25	47 - "
	20 . 1.	95-15	2000	31 40	0.1
8-	21 11.	5-13-45	2100	35-40	1
			2200	39-50	141
- 4		W	2300	43-75	70.0
Sees	*****		2100	11. 46.50	'

Lat 8° 07' 32" S. Trong/04' 10' 30" W.

SOUNDING	WIRE.		DREDGE	ROPE.
DOWN.	UP.	TURNS.	DOWN.	P.T.
		2500	//	
		2600	1-0	
		× 2700	15 10 3.	/· ·
		2800		
		2900	24.	
		\$000		10 1
Iredge cours	E.	\$100	56-10	/
		\$200		16
		\$300	10-02-15	13 1
		\$ 100	- 05-30	10-10-1
		3500	a det westely born	10 minutes
		3600	Towed 2	2minutes
		3700	cu L	i. dist.
		3800	13' Can .	. [
		3900	1:1:	1
		4000		

Z.) SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
urtaco	76.°	104922		~,5. ~
25	76.0	10.8023	1.	1 3
50	73.10-	108025	2 5	7/
100	56.20	104924	5	55 17
200	51.0°	104914	- 7	50.
300	47.0°	108 155	7	11.
400	43.5°	108151	- 91	11.7
500				
600	39.90	108156	7	3: 2"
700	, ,		1 1	
800	.37 8	1/11 - 1	5	8T. 1
900	37.8	109635-	5.	- 37. 30
1000				

11-1023

Lr. 4722. Date 16 /200 Machine. Reef. Lucas Depth /923 Cor.+

Shot or lead (

Bottom No Specimen Bottom temperature 35:8

No. of thermometer 108.023

Corrected temperature 35.7

Air.87 Surface 75-° DriftTrawl or dredge Intermediate as before

SOUNDING	WIRE.		DREDGE R	OPF.
DOWN.	UP.	TURNS.	DOWN.	CP.
	12.7	0	3-3600	/
1 11	41 1	100	. /- //	37 11
4 /	40 + 14	200	-1	7. ;
11	1,000	300		11.
1.	13 /	400	1 0	
	31 4.0	500	*1	. ,
	1 1	600		
		700		
- /.		800		
		900		
		1000		
.*		1100		
	4	1200		
	, ,	1300		
11 6		1400		
		1500		
	- /	1600		
/	. 1	1700		
		1800		
	3,7	1900		
1. ,. 3		2000		
		2100		
		2200		
		2300		
	1	2100		

Lat 9031'00" S. 1 Long. 106030'30" W.

SOUNDIN	G WIRE.		DREDGE ROPE.		
DOWN,	UP,	TURNS.	DOWN.	UP	
		2500			
		2600			
		2700			
		2800			
		2900			
		3900			
		3100			
		3200			
		3300			
		3:100			
		3500			
		3600			
		3700			
		3800			
		3900			
		-1000			

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP,
25				
50				
100				
200				
300				
-100				
500				
600				
700				
800 900				
1000				
11 = 1023				

REMARKS:

-1.1100110- The ce

it-1:= 41.9 11-1023 -4723 Date 16 Jan. 1905. Machine. Turns Cor.+No Sag. Depth Shot or lead Bottom Bottom temperature No. of thermometer Cor. Corrected temperature Air Surface Trawl or dredge SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. UP. DOWN. 7:30 100 200 Partly closes; 300 400 500 600 700 800 900 1000 1100 1200 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2100

Long. 1070 451 300 W.

SOUNDIN	G WIRE.		DREDGE	ROPE
DOWN.	UP.	TURNS.	DOWN.	Ul
		2500		
		2600		
		2700		
		2800		
1		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3500		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

P.1. = 53.4

4734 Date 17 Am. 1

Turns

Shot or Land

Bottom Bottom temperature

110 2/11.

No. of thermometer Corrected temperature 16:023. Cor.

Air 88 0

Surface 79 Drift N. W. Trand or dradge Ti. Frank S-A. A.

SOUNDING WIRE.			DREDGE 1	ROPE.
DOWN. 63	me . TP.	TURNS.	a. DOWN.	UP.
.00.00	8: 42.15	0	15:25.4-	1- 5
12.50	41.15	100	20.1	<i>r</i> ,
24.25	\$5.10	200	32.5	4
01.7.5	19:0	300	76.45	1:3
0	10.7	400	39.00	21.5.
2	17.50	500	4205	.37 -
67.00	2/22	600 .	400	
61.5	1-20	700	15.00	30
6000	11/20	800	(P.C)	27
10.25	37.4	900	1	
11. " ,	22.45	1000	(7.2-	27
11.15	11.1	1100	11.02.1	17
12.2.	Ti st	1200	06.25	14
14.23	26	1300	10,00	1.
1. 1 m	27 1/-	1400	10.1.	0
1.15	24.25	1500	17.	6!
11:05	25.15	1600	20.5	1.01
1825	, _	1700		12 5-
1020	72.5	1800	27.4	51
19	8: 1.5	1900	31.4	4.
<u> </u>		2000	: 4.1.	1/5
o diis	er dite	2100	1	42
Sonn	Lung.	2200	1, 1	38.
		2300	4/4	33
		v 2400	11: 48.20	12-28.

Dredged 40 minutes.

		- 4
,	,	
	,	, ,

SOUNDIN	G WIRE.		DREDGE	ROPE.
DOWN,	UP.	TURNS.	DOWN,	UP.
		2500		
Hoser, with	Con 1 - 4.22	2600		
· É . Mi 14.	· 134 3	2700		
Dir. 5-0,		2800	II . Interne	c. tinh
34. 2.	9.00	2900	100 300	617
Tim. AZ	8	2000	C. 17. T.	
		8100	1/2 011	12."
		3500		15.1
		8800	V1. 60	77.00
		2100	51.60	70:1
		3500	K 8 7 W. A.	
		3600		
		3700		
		3800		
		3900		

SERIAL TEMPERATURES

4000

DEPTH.	TICMP.	NO. OF THER.	cor.	COR. TEMP.
Cun - Air.	770	10: 422.		
/ 25	76.7	109635.	1	7
50	7"	10000	1-	72.8
100	64.11	108156;		
200.	49.2	108155.		
300	46	104914.	7	L (
400	43	104924.	6	\$ 2 . F'*
500				
600	39.8	108154	8	2.00
700	1			
800	37.9	108026.	6	77 "
900	Sir /	with the n	(The Kind
1000		nt od or	C	

REMARKS:

Commenced at 8:18:90 an.

Date

Turns

Machine. Réel.

Cor.+

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air 790 Surface

Travel or dredge

Lat. 11° 38'3 % s Long. 110° 05' 00" W.

SOUNDIN	G WIRE.		DREDGE	ROPE.
DOWN,	UP.	TURNS,	DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

No. Dr. 4726 Date 18 Janis. 05 Machine. Reel. Lucas

Depth 1700 fines. Turns Cor.+ 60.1

Shot ar lead Bottom.

Bottom temperature 35.8°

No. of thermometer 108 023 Corrected temperature 357

Surface 78° : Air 8/ Drift NW. Imile.

Trawl or dredge Agassin a

1 4	7/			
SOUNDIN	G WIRE.	TURNS.	DREDGE	ROPE.
bown.	UP.	11165.	DOWN.	UP.
4.1.1	7.		1.	
8-0:10	グラ シ	0	8-90-13	1/ ; -
2 10	.27. 11-	100	48-20	;
,:	5,7- 0:	200	31 10	1/0.10
1.0	1	300	54-:	, ,
15 1 2 1	35 10	400	7 7	4 / 1
11.19)	500	9-10-11	350
71.	2	600	1 12	3:-/
1	1. 70	700	7:21	. Hy-1.
1 1.7	1 /	800	/: '	1. 1
1.,	,7 ,- 11	900	15 . 40	Ø1
11.	1, 1	1000	17 95	1 10
1.	.2	1100	20-17	11.15
1' = 3.	2150	1200	11 19	12 (1
111-15	1.114	1300	* (*)	<i>δ</i>
,	1 7	1400	22.7 - 1	2.1
15 0.	23-00	1500	.3 ()	11-01-0
-10	21-40	1600	//	
1 1 10	1119	1700	40-12	11 30
		1800	45	50 3.
4		1900	16-30	111.30
	Phone I	2000	50 15	43 20
the wind)		2100	53-44	30 30
		2200	54 0	85-40
Wwatch ta	(mills	2300	10-12-50	
		2400	.,	

Lozig. 110 -42-2

SOUNDING WIRE.		TURNS	DREDGE 1	ROPE.
DOWN,	UP.	TURNS.	DOWN. "	UP.
		2500		
		2600		
		2700		
		2800		
		2900	125.0	
3		3000		
4.		8100		
		8200		
7.		3300		
) .		8400		
		3500		
3		8600		
12		3700		
1		3800		
1		3900		
8		4000		

SERIAL. TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

N. E. . . 29.96" Daronuler 29.96" The attacked 82°

PI 81,8 Date Machine. Reel. Turns Depth Cor.+ Shot or lead Bottom Bottom temperature No. of thermometer Corrected temperature Air 790 SurfaceTrawl or dredge Sur SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. UP. DUPOWN. DOWN. 0 100 200 300 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300

2400

1.12 1119 The SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. UP. DOWN. 2500 2600 2700 2800 2000 3000 8100 3200 3300 3400 3500 3600 3700 3800

SERIAL TEMPERATURES

3900

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

Nearly overcast S, mooth sea

P.L. 91.8 11-1023 No. 117:8 37 Date / / 1 Machine. Reel. " " Turns Depth 1055 Path Cor. + Shot or lead 60 lbe Bottom Bottom temperature 36.5 No. of thermometer 108 3 Corrected temperature 37.8 .dir So Treat or dredge SOUNDING WIRE. DREDGE ROPE. A. DOWN. 1:06.30 1.0211 100 200 19.11 300 400 500 600 700 800 900 1000 -1100 1200 12. ... 1300 1400 1500 1600 . 2. S. Sam : 67 1700 7 Cr6 (1800 1900 Richard To Carragood way

lashy held not 2000 mg 2 d.

2100

Lot.	13-	4.	7.5	
Long.	114	,	21.	6

SOUNDING WIRE.		TURNS.	DREDGE ROPE.		
DOWN.	WN, UP.		DOWN.	UP.	
		2500	9.		
30	2.118		7-31-00	13-10	
2	Sea	2700	37 21	12	
1. 200	v §	2000	2. /.	. /	
	1910	2900	. 3	. 3	
		3000		10-01	
		3100	1.		
		2500			
		::300			
		3100			
		3500			
İ		3600			
co	,	2. 3700	1. 11		
/		2800	7		
		3900	1		

SERIAL TEMPERATURES

					- ,	
1	FPTH.	TEMP.	NO. OF THER.	CO	R.	COR. THMP.
		1				,
	25	1	109635		-	27.3
	50		109635		3	102
	100	- / · · · · · ·	:08/54	~	47	.7
	200	200	7 4 1111	-		3
	300	7 d.	104914	a	A.	. + . 4/
	400	-U -	108156		1	1 . 4
	500					
	600	2)	1 5		4	31.
	700					
	800		100			47
	900	Sunall				
	1000	2				

REMARKS:

on 11.4820 to 11.53. 1,00 : 11 hat a several time up to 13 . work

Of Bry 1075 6 Con it places from the an accumulate in west the other work from the sale of the

Depth ing Date 19 June Machine.

Surface

Turns Cor.+

Shot or lead

Bottom

Air

Bottom temperature

No. of thermometer

Corrected temperature

Drift /gand in

SOUNDIN	G WIRE.	TURNS.	DREDGE	ROPE.
DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
Lone	lot,	100	Cut-	1.2:
clacks	c light	200	.7. ?	·
ched for	rene	300	7'10 = 1	7-0:
1 Strong	· · · · · · · · · · · · · · · · · · ·	400		
150 for		500	Truns!)	1 - 1 - 1 - 1 - 1
ing ail	A securities	600		
0		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Liat.			5'.	./
1.022g.	1150	13'	'W.	V

SOUNDING	WIRE.		DREDGE ROPE.		
DOWN,	UP.	TURNS.	DOWN.	UP.	
		2500			
		2600			
		2700			
Generally 20	brech	2800			
		2900			
(3000			
· Basometr	29.93	3100			
Barometer Them, att.	820	8200			
		3300			
		3100			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
800				
400				
500				
600				
700				
800				
900				
1000				

Drift Sx1750 1.50

1. 4000 Dute 20 known Lower Machine. Reel. Love

Cor.+ Depth 1912 Turns Shot or lead ITK and Luca En

no Specimen Bottom

Bottom temperature

No. of thermometer 108023.

Corrected temperature 35

Air 80° Surface

Travel or droitie / home diais as

an SOUNI	OING WIRE.	TURNS.	an DREDGE ROPE.		
DOWN.	UP.	TURNS.	DOWN,	UP.	
: 01.00	8: 45.10	0	8:50.75	9:41.	
02.00		100	14.10	x, Alie	
02.17	42.20	200	57.10	1.	
01.0	- 42.25	300	0.00.00	2.7	
04.5	/	400	9:03.30	9:23	
06.0	0.41	500	= 2-0	min.	
	10.42	600		_	
80.1	. 4	700	x stoo had		
ORI		800	Estation on	· S / J	
10:13		900	to riene		
11.20	-	1000			
	7. 34.40	1100			
	33.75	1200			
14.4.		1300			
	21.15	1400			
17,10		1500			
18.2.	1000	1600			
19.4.	27.35	1700			
		1800			
	24.4	1900			
5:00.3	0 8.24.30				
-/7 *//	l' an	2100			
none	- Lile Soly.,	2200			
une		2300			
	1	2100	1		

SOUNDING WIRE.			DREDGE	ROPE.
DOWN,	UP.	TURNS.	DOWN.	UP
		2500		
		2600		
sirli, c		2700		
st! bree	se from E.	. S. 2800		
Todas a	"c. 5 10 1. C.	2900		
Ber.	30.00	3000		
7. 18 1.11.	ATS. 850	3100		
Courses	5.57847.	3200		
		3300		
		3400		
		3500		
		3600		

SERIAL TEMPERATURES

3700 3800 3900

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
800				
400				
500				
600				
700				
800				
900				
1000				

P. I. 50,00 of 7-30 P. My No. 11. 4731 Date 20 Jany. Machine.

Turns. Cor.+

Reel!

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air 80° Surface 80° Travel or dredge

Depth

	. ~			
SOUNDIN	G WIRE.		DREDG	E ROPE.
DOWN.	UP.	TURNS.	DOWN,	UP.
(0		
		100		
		200	Vicy	Mar
		300	7-30-00	7-50-00
		400		7-50-00 7-50-00
		500	Olowin	20 min
	,	600	1	
	1	700		
		800		
		900		
		1000		
		1100		
.**		1200		
4.	Section 1	1300		
Line in		1400		
1	29.7."	1500		
Therm at	, ,	1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2100		

SOUNDIN	SOUNDING WIRE.		DREDGE	ROPE
DOWN.	UP.	TURNS.	DOWN.	UP
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		And Calendaria		
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

No. Dr. 4732 Date 21 Juin, 05 Sucas

Machine. Rect. Lucas

Turns Cor.+

Shot or tand 60. 11

Depth 2012 Juns.

BottomBottom temperature

No. of thermometer 109635 Corrected temperature

DriftAir Surface Trawl or dredge

	Sel.	. 81		н,
SOUNDII	NG WIRE.	(DREDGE R	OPE.
DOWN.	UP.	TURNS.	DOWN,	JE
. / /	- 45-15	0	*10-33-10 9	- 22-00
1.	44-15	100	3.77-	
~ .	43-25	200	4	
3-10	42-30	300	-:-0	1 .
10 11 =	41-35	400	16 2	
5.35	40-40	500	49-1.0	
1	39-40	600	52.	
7 .75	38-40	700	5%	
	37-40	800	50-10	.9
9-16	36-40	200	11-00	A.
1.1.1.	1.07	1000	ule	.' .
11-10	N 19	1100	01:00	2
12 1	33-20	1200	13: 40	1
1.6- 25	2-17	1300	11-15	5 T 9
11 11:	30-55	1400	.1 (100	
15 - 10	29-40	1500	23-30	
11 17	28-25	1600	. (11
17 - 2	17-11	1700	31-00	.42
15 15	25-5%	1800	1.7	2.0
15- 10	24-30	1900	7 .53	11 1
20	23-00	2000	41-2	13 1
3-20-40	8-22-40	2100	4	,
		2200	48-0	
		2300	- 1-1	1
	i i	2100	11 . " 11-21)/	1 /

west water back 11 min.

16°32.5' S.

SOUNDIN	IG WIRE.		DREDG	E ROPE.
DOWN.	UP.	TURNS.	DOWN,	VP.
			N.W.	
		2500	11:00	/
		2600		30 21
		2700	1	*
		2800		1.1 - 3 /
		2900	71 ' : .	
		3000		
		3100		
		3200	6.3	
1		3300	2),7,15 1.	/1.
1)		000 9400	1	0.10-40-
Q		-9500	0.00	1 10. 70
7			4.5	111
		8600	53 5	5:-
a		-9700	10 01-53	. 28-
2		400!	65	1
1		3900	-	

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP
erture.	/ .	,		
25	77.50	108155	2	77.3"
50	,	10492	/	
100	7/. ,	10: 1:	5	
200	.52	108156		-1.
300	1)	101=1	. /	
400	11.5	108154	/	'
500				
600	2	109635	;	1 9
700	. ,			
800	. 21 . 21	11. 0":	/.	; ··
900				
1000	1	: -		

REMARKS

29.97 29.97 12-47-10 for 4

P.L. = 2.7 No. Ar. 4753. Date 2/ January / 00 / Depth Turns Cor.+Shot or lead No Soundins Bottom Bottom temperature No. of thermometer Cor. Corrected temperature Air 78° Surface 80° Drift SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. Jone UP. DOWN. Charter Proise 728:30 7:11:20 0 min Color out. 100 H. Grahins Flins 200 Lit breit - The MAIN. 300 simile Enck 400 500 them our 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1700 1800 1900 2000 2100 2200 2300 2400

Lat. 16. 57.4. 8. 12 SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. UP. DOWN. UP. 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

r. 4734 Date 22 Machine. Rect.

Turns Cor.+

Shot or tead 60 to and

Bottom To specin

Bottom temperature (

No. of thermometer

Corrected temperature

SOUNDING WIRE.		marrana	DREDGE R	OPE.	
DOWN	ALT	UP.	TURNS.	DOWN. A.Z.	UP.
0	11.3	Va- :	0	2 57, 10 9	//.
1-	35	45-00	100	56-30	37
2,-	20	44-00	200	59-45	34
3-	15	43-05	300	9-3-20	
1	10	1 : 11	400	0-6-40 9	
1:	-	27-13	500	Towed 20,00	inul
6-	00	40-10	. 600		
6-	30	39-10	700		
7-	45	38-10	800		
8 -		37-10	1		
9-	40	36-03	1000		
10-	40	.3500	1100		
//-	40 .	33-50	1200		
.2-	40	32-40	1300		
13-	45	31-30	1400		
14-	50	30-10	1500		
15-	-63	28-50			
17-		27- 36	1700	1,	
11	15	. / /	1800	1	
/		24-45	1		
		23-15:	2000		
7, 1	3.	1 1 1/2	-2100		
			2200		

Lot 17° 36.0'S. 3576

SOUNDIN	G WIRE.		DREDGE	ROPE.
DOWN,	UP.	TURNS.	DOWN.	UP.
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100	4.	
		3200		
		3300		
		3-100		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Light briege

P.L. = 97.8 11-1023 Dr. 4735. Date 22 Jan. 1905. Machine.Reel. Cor.+Depth Turns Shot or lead No Sounding. Bottom Bottom temperature Cor. No. of thermometer Corrected temperature 8/º Drift Air 8/0 SurfaceTravel or dredge: Surface Haul as Sefore, DRIPHON THE SOUNDING WIRE TURNS. DOWN. OT. UP. DOWN. TP. 4-ft Cone Net Out: 122 5 0 7:30 with electric H. 100 from port lower boom, and 300 Two Rofords tow-400 noting 500 600 700 Fairly clear. 800 Lit. breeze from Eby N. 900 Moderate Ser. Bar. 29.93 Therm. att. 1200 Zourse, 8.570 % 1400 1500 1600 1700 1800 1900 2000 2100 2300 2400

SOUNDING WIRE.

DOWN.

UP.

DOWN.

UP.

DREDGE ROPE.

DOWN.

UP.

2500
2600
2700

	4000
SERIAL	TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

11-1023

P.L. 3. 5 No. Dr. 4736. Dute 23 Jan. 05. Locas Machine. Reel. Locas Turns Cor.+ Depth 2284 fors. Shot with 60 f with 6 min Bottom no culemento whilicens maker chief 35.50 Bottom temperature 108023. Cor. 7. No. of thermometer Corrected temperature 8/% Drift Surface Trawl or dredge T. SOUNDING WIRE. TURNS. DOWN, CM., UP. Che DOWN. C. 02. 40 S. T. 3 0 4.00 12.7 100 00,70 48.00 2.75 200 (1.5 300 0. . . 20 2.3

10.41.20 3-35-16 36.00 54.00 400 37 - 3 500 20-25 57.7D 901.75 11.01.00 600 04.20 04.4 W:15 700 16:11 07.14 00. 800 47.10 11.30 1010 900 4-10 11.20 45.00 1000 1-05 4-40 18.40 12.70 1100 3-21 11 12.20 42.40 1200 22.00 14.15 25.1/2 1300 53 30 41.30 15.15 25.10 40.10 1400 52-.. 33.00 16.1. 78. .: 1500 36.25 16.14 17.20 1600 2.7.15 2000 18.25 1700 4/2.05 10.25 34.10 1800

20.25 32.58 1900 4.00 35-40 7/20 3/30 2000 4/6.5 2 /2

72.31 70.2- 2100 52.20 2.30

9. 24.4 8.21. 1 2200 5620 11 00 9. 24.4 8.21. 1 2200 12-00-10 18-20 × Pat tout on head 2100 04-00 2-14-30

to "T.

ex = floce ale . + . Inf.

Lat. 19:00. SOUNDING WIRE DREDGE RORE. TURNS DOWN. DOWN. 2500 12-07-15 2-2600 Intermediate 2700 as sefore: 2800 50 an. 2900 0.50.25 10.37.00 \$000, 10.52.40 33.4 \$100 0.5.4 3200 04.45 \$300 10.12 (0 10.22.30 8-100

3500

3600

3700

3800

3900 4000 Car 1:11

. . . .

Z. SERIAL TEMPERATURES

Pot while

back 10%.

Vin 5 20

-				
DEPTH.	791P-	NO. OF THER.	COR.	CQR, TEMP,
Can f.	61.2	108025	- (1)	213 15 15
25	74.9	1:40.	3	716
50	75.0	108156	3	7.7
100	72.1	108117	4.	71.7
200	(7.0	108151	6	57. 7
300	44.9	108/54	8.	. 44.1
400	:41.9	104924	7:	41.2
500	.,		'	
600	79.5	109635	6	38.9
700	/:	,		. /
800	37.	10 (30) 2.	6	7.0
900	(5)	in any no	17:	· L = 1
1000	2.1	-(. /		
11 -1023				

REMARKS:

Stated down at a: 01. 50 im.

States up at a 25.40}= 5min.

Characters Up at a com.

West a Knowl

sor The

No. Dr. 4737 Date 24 Jany. 05

Lucas Machine. Recl. Lucas

Turns Cor.+ Depth 2060 fins.

Shot or lead 60 Ubs & Snapper

Bottom ad. C. 4 glob. Og. Bottom temperature 35.5

No. of thermometer 108023

Corrected temperature

8-01-00	SOUNDIN	G WIRE.		DREDGE	ROPE.
01-50	DOWN.	UP.	TURNS.	DOWN,	UP.
01-50	5-01-00	46-50	0(1/8-57-30	9-46
03-35	01 - 50	45-45	100		
02-30 43-00 400 9-11-00 9- 05-20 42-00 500 5 Cone Met will 06-15 41-00 600 2 Koloide effective 06-15 40-05 700 700 700 700 700 700 700 700 700 7	02-40	44-50	200	04-25	. 38
05-20 42-00 500 5' Cone Met with of the color of the colo	03-35	43-55	300	07-40	35
06-15 41-00 000 2 Koloide attaceta 6.1 1 40-25 700 6.1 1 800 09-00 37-55 900 with 400 face 10-00 36-50 1000 11-00 35-45 1100 12-00 34-35 1200 13-05 33-25 1300 14-05 32-10 1400 15-10 30-56 1500 16-10 29-40 1600 17-15 28-25 1700 18-20 27-10 1800 19-25 25-50 1900	04-30	43-00	. 400	9-11-00	9-31
06-13 77 00 700 700 700 700 700 700 700 700	05-20	42-00	500		
900 37-55 900 with 400 face. 10-00 36-50 1000 11-00 35-45 1100 12-00 34-35 1200 13-05 33-25 1300 14-05 32-10 1400 15-10 30-50 1500 16-10 29-40 1000 17-15 28-25 1700 18-20 27-10 1800 19-25 25-50 1900	06-15	41-00	600	2 Kosoide a	Heached
09-00 37-55 900 with 400 fine. 10-00 36-50 1000 11-00 35-45 1100 12-00 34-35 1200 13-05 33-25 1300 14-05 32-10 1400 15-10 30-50 1500 16-10 29-40 1600 17-15 28-25 1700 18-20 27-10 1800 19-25 25-50 1900	61 /2	40-05	700	Tour !	. /
10-00 $36-50$ 1000 900 20 $10-00$ $35-45$ 1100 $12-00$ $34-35$ 1200 $13-05$ $33-25$ 1300 $14-05$ $32-10$ 1400 $15-10$ $30-50$ 1500 $16-10$ $29-40$ 1600 $17-15$ $28-25$ 1700 1800 $19-25$ $25-50$ 1900	0 65	3/1 1	800	11 11/4	dopth
10-00 $36-50$ 1000 $30-50$ 1000 100	09-00	37-55	900	with 400	Lung ente
$ \begin{array}{ccccccccccccccccccccccccccccccccc$		36-50	1000	Towed 20	win.
72 - 00 $73 - 05$ $73 - 25$ 7300 $74 - 05$ $75 - 70$	11 - 00	35-45	1100		
14 - 05 32 - 10 1400 .15 - 10 30 - 50 1500 16 - 10 29 - 40 1600 17 - 15 28 - 26 1700 18 - 20 27 - 10 1800 19 - 25 25 - 50 1900	12-00	. 34-35	1200		
. 15 - 10 30 - 52 1500 16 - 10 29 - 40 1600 !7 - 15 28 - 25 1700 18 - 20 27 - 10 1800 19 - 25 25 - 50 1900	13 - 05	33-25	1300		
16-10 29-40 1600 17-15 28-25 1700 18-20 27-10 1800 19-25 25-50 1900	14-05	32-10	1400		
17 - 15 28 - 25 1700 18 - 20 27 - 10 1800 19 - 25 25 - 50 1900	15-10	30-50	1500		
18 - 20 27 - 10 1800 19 - 25 25 - 50 1900	16-10	29-40	1600		
19-25 25-50 1900	17 - 15	28-25	1700		
	18 - 20	27-10	1800		
	19-25	25-50	1900		
2000	20-30		2040		
-21- 15 8-23-15 2100	-21- 15	8-23-15	2100		
0000			2300		

2100

2800 Peterson Sutan Closing 2900 Peterson Sutan Closing 2900 10-7-30 10-46- 54-30 9-54-45 \$100 11-25 43- 2000 15-10 40- 2000 15-10 40- 2000 15-10 37- 2000 25-10 33- 2	SOUNDI	NG WIRE.		DREDGE	ROPE.
2600 2700 1	DOWN.	UP.	TURNS.	DOWN.	UP.
2700 / 2800 Peterson Sutan Closing 2900 / 2000 / 2900 / 20			2500		
2900 Peterson Sutan Closing 2900 39			2600		
2900 Peterson Sutan Closing 2900 39	11/ 1:20	1 : 22	2700	11:	- 60
2900 10-7-30 10-96- 54-50 9-54-45 1100 11-25 43- 200 15-10 40- 200 15-10 40- 200 15-10 37- 200 25-10 33- 200			2800		Intorn Closing
54-30 9-54-45 \$100 . 11-25 43- \$200 15-10 40- 7	14 11	. ,	2900		V
200 15-10 40- 7	1	9-36-3	\$000	10-7-30	10-46-
200 15-10 40- 7	54-30	9-54-45	100	. 11- 25	43 -
to find out \$500 27-05 31-0 at depth is \$300 27-05 31-0 apparatus to close not \$700 \$1.00 \$2.0			. \$200		40-
to find out \$500 27-05 31-0 at depth is \$300 27-05 31-0 apparatus to close not \$700 \$1.00 \$2.0	71	11	\$300	19.10	37-1
at Topth it: 1000 1000 1000 1000 1000 1000 1000 10			\$.100	/	3.3-3
at depth it: appearaus to close not some red to a depth	eup agaire	to Lind out	\$500	. 27-05	. 31-0
apparatus to close not 8700 J			8600	10-18-55	
5 450 6 4 4 4 4 7 1				1	, ' <u>.</u>
1 150 fins. net will dose. 3900	Towered .	o a depth	8800	and hove u	v agaizi
	f, 150 furs.	net will close.)	3900		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
800				
400				
500				
600				
700				
800				
. 900				
1000				

11-1023

REMARKS:

Clear

Sworth sea "Baronnetos 29.86"

Cor.+

Machine. Reel.

Turns

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air 820

Surface 8/°

Depth

Trawl or dre	edge				
SOUNDING	F WIRE.		DREDGE	ROPE.	
DOWN,	UP.	TURNS.	DOWN. P.M	UP.	
	, ' · · ·	0	-C1/t	In .	
1		100	17. 1	y. 11 -21 8	
		200			
2 1	1	300	Tower 20 M	inut.	
1.	4 -	400			
1	·	500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2:100			

Lat. 20° 26.5-S. Long. 128° 30, 2 W.

SOUNDIN	G WIRE.	TURNS.	DREDGE ROPE.	
DOWN,	UP.		DOWN,	UP
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

11-1023

REMARKS:

Fire

Light Breeze N. Dr. 29.81

4, 44 Date 3. Machine.

Reel.

800

Turns

Cor.+

Depth 2/97 fater

Shot or tend 60 lbi Bottom sid C & glob. Og,

Bottom temperature 35.20

No. of thermometer 108023

Corrected temperature

Air 850 Surface

Drift

Trawl or dredge

SOUNDING '	WIRE.		DREDGE ROPE.		
DOWN. A. J.	UP.	TURNS.	DOWN.	UP.	
	3 / 3	0			
		100	· .		
1 13	7	200			
	#* · · ·	300	- 15		
4 .		400			
1	.''	500	,		
'	.19 .	600			
9 2	77 1 1	700	- 17		
1.	." "	800	75.75		
1	#"	900			
		1000	2	5	
6	1 41	1100			
		1200			
	. 7	1300			
:	. 3 M - 1/2	1400			
<i>'</i>	1 10	1500			
		1600			
, , .,	0 - 12	1700			
	3	1800			
	11 "	1900			
/	. /	2000	3	5	
11 /	7 7	2100			
5	. 27-1	2300			
		2400			

SOUNDIN	IG WIRE.	l	DREDGE ROPE.		
DOWN.	UP.	TURNS.	DOWN.	UP	
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR, TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Reel. . Cor.+ Turns

Shot or Tend 60% with Sanfile

BottomBottom temperature

No. of thermometer 108023.

Corrected temperature

Surface 80° Air

Trawl or dredge

SOUNDING	G WIRE.		DREDGE ROPE.		
DOWN.	~ UP.	TURNS	DOWN.	UP.	
1.02.15	7.50	0			
03.20	49.5	100			
001.10	18.2	200			
0:.00	47.5	300			
. " "	46.57	400			
5	45.0	500			
07.00	4455	600			
0135	10 to	700			
00.38	12.50	800			
10.00	41.5	900			
11.05	40.45	1000			
12.30	3925	1100			
13.30	38.20	1200			
14.25	37.10	1300			
15.45	36.00	1400	'		
13 3	74.40	1500			
17.50	12.25	1600			
19.00	32.10	1700			
20.05	20.40	1800			
21.10	29.20	1900			
22.20	27.35	2000			
73.30	7.25.40	2100 7/23 2200			
	/	2300			
		2400			

131° 35.7' W DREDGE ROPE. SOUNDING WIRE. TURNS. DOWN. UP. DOWN. UP. 2500 2600 2700 2800 2900 3000 3100 3200 3300 3400 3500 3600 3700 3800 3900

1. 210 36.1'S.

4000 SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

DateMachine. Cor.+Turns

Shot or lead le of

Bottom : dk. qu. glob. Oz

Bottom temperature

No. of thermometer . 108023, Cor.

Corrected temperature

Air 8/2 Surface

Trawl or dredge W. 1%.

SOUNDIN	WIRE.		DREDGE ROPE.		
DOWN.	er ch.	TURNS.	Am. DOWN.	UP.	
: 01.15	8:47.5	0	10.29.15	s) ./.	
0:	V.1.75	100	72.Kt	f	
2.1	15.30	200	35.00	* ±,	
0:5	12.13	300	39.65	1 4	
7	1120-	400	12.00		
	40.13	500	45.30	/	
	34.7	600	11.15	,1	
17.55	111	700	.12.30	1:	
- 1	29	800	VT. 40	0.	
04.	27.00	900	(7,15	. 1	
15 15	d	1000	11.02.00	<u>,</u>	
	11/2	1100	16.0	5 /	
' ' ' ' \	do.	1200	08 15	il.	
	1, 1/15	1300	12.1	4	
1,1	11.	1400		4	
1	(3, 1 =	1500	14 3	46	
1. 5	20,00	1600	21.1	11:1 .	
17.5	77.1=	1700	25.05	39-0	
".;	24.00	1800	29.45	35-2	
10.00	35.10	1900	77.70	31-3	
20.25	2: 4-	2000	()	,	
: 71.00	2:71.5	2100	1000	23 - 4	
500 . F. D. F		2200	1/2.0.	15-4	
lang so glas		2300	Uh.A.	15	
1 1/2		9406 -	/.	: - 1/- 2	

Com. 133° 2	11 1,

SOUNDING	G WIRE.		DREDGE F	OPE.
DOWN.	UP.	TURNS.	cz-DOWN.	ur.
		2500	11.50.00	1
- / .	/			
/retern		2600	(
Ru iere		2700	11- 11- 1	1
an		2800 🗸	04 - 7	<i>!</i> .
		2900	1.2.	
48	07 5.00	\$000	Com . 111	٧/ :
1.35	22.00	3100	Cloudy, the	in olone
54. 4	11.20	3200	in sitting	
57 4.	14.4-	8300	marcial.	o our.
00,00	10,1000	\$400	En. 29.	7-
iet water		3500	1/12/100	314
10 min	.Z.	3600		
= Tomes	202000	3700	* Asavy stin	
,		3800	11- 1	
		3900	AAT III	
		4000		

7. SERIAL TEMPERATURES

DEPTH.	TEMP.	NO OF THER.	COR.	COR, TEMP.
She Ince	770.8	108025.	- 7	-0.7
25	. 7/4	118111	2	79.5
50	75.0	721 75	3	74.7
100	16.0	104914.	5	68.5
200	(,,	107 50	- 16	56.500
300	45.2	1.11.	- 6	411.1
400	:2.2	108151.	. /	()
500	7			,
600	20.9	1000		7.10
700	,			
800	. 38.00	100006.		
900	W.T. C	es as Roll		
1000	. The day	it; donne	1, 0:	2:95.00
11-10.23	,			

507 11-1023 Date 27 f No. Machine. Reel. Cor.+Turns Depth o Shot or tead 60 Sho & &

Bottom dight to Che house

Bottom temperature 3573

No. of thermometer 1.08023 Cor.

Corrected temperature 25 34.

Air 18 Surface 78 Drift

Travel or dredge

SOUNDIN	IG WIRE.		DREDGE ROPE	
DOWN. TP.		TURNS.	DOWN,	UP.
1. 3		0		
!! .	1.11	100		
<i>*</i> *	/	200		
· .	1 17	300		
,	1:0	400		
		500		
	-:7- 4,	600		
	1 3/	700		
		800		
	1 9	900		
	3-1	1000		
/	1. 1.1	1100		
, .	7	1200		
		1300		
	17.00	1400		
	1,5	1500		
		1600		
		1700		
		1800		
	1	1900		
	100	2000		
6. :		-9100		
		2200		
		2300		
		2100		

£ 3	22 43.3	U. /
Long.	1340 48.61	W.
gothern:	OLG WILDE	- 1

SOUN	UNDING WIRE.	1	DREDGE ROPE.		
DOWN.	N. UP. TURNS.		DOWN.	UP.	
		2500			
		2600			
		2700	e 103	ele:	
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Turns

Cor.+

Shot or lead 35 st mo

Depth 22

Bottom

Bottom temperature No. of thermometer /080

Corrected temperature

77° Surface Air Trawl or dredge

SOUNDING WIRE.		DREDGE	ROPE.
DOWN. AVIC . UP.	TURNS.	DOWN.	UP.
SOUNDING WIRE. DOWN. ADE. UP. C2. Co (C7) C3. Co (C7) C4. Co (C7) C5. Co (C7) C6. Co (C7)	0		
7.20 58.15	100		
54.55 57.15	200_		
5 65 6:57 45	2 2 5 -800-		
	400		
	500		
	600		
	700		
	800		
	900		
	1000		
	1100		
	1200		
	1300		
	1400		
	1500		
	1600		
	1700		
	1800		
	1900		
	2000		
	2100		
	2200		
	2300		
	2400		

	SOUNDING WIRE.		DREDGE ROPE.		
DOWN.	UP.	TURNS.	DOWN.	UP.	
- 1-4	"Kamakia	£ 2500	t. Alex	- 312	
		2600	1/00		
- 1-4	aka.	77 1 2700	to 1.7.	an K	
		2800	270	9.	
		2900		0	
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/		3500			
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		4000			
	SERIAI	TEMPERA	TURES		

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Position	: Left and	le rist	Etans. Ka.
50	maka	Id. to r.t.	Aka	- (Tam /d.,
100		41055!	1	,
200	Risht,	muste, r.t.	Aka 1	Maru /d. t
300	F.t.	Tu Kana	d. 33	1.081
400				
500	111 2	1 hear	.)	1 60'2 W him.
600	., .	In.	1,1	
700	1.7	me.	1,0	9 5x 12/7:
800	, .	10	many !	correction
900			to 18	75 /
1000				
11-1023		DUNGAD	120.	

196 = 15.3 11-1023 Ly 1/28 Date 5 February were Machine. Rect. / wea. Depth 245 Fax Cor.+ Turns Shot or tout leofe and Surpis Bottom everking Rottom, Place Arth, Six. 50.90 Bottom temperature No. of thermometer /08023 Cor. Corrected temperature Drift Air 78 Surface Trawl or dredge SOUNDING WIRE. DREDGE ROPE. TURNS. DOWN. An. UP. DOWN. 10:43:40 20.50.24 0 44.40 . 100 200 -800 400 500 600 700 800 900 1000 1100 1200 1300 1400 1500 1600 1800 1900 2000 2100 2200

> 2300 2400

Lund	At.
1	must.
	gerra

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SOUNDI	NG WIRE.	TURNS.	DREDGE	ROPE.
DOWN.	UP.	TORNS.	DOWN.	UP.
	Last of	22-2500 1	P.	1 1-
- /	beak of	12-2000	of the	1600
٠.	an west	/	12.00	- /
		2700	3 2 3	U.
		2800	0	
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	たせたア	13000r	£2,30	0.29
		3100		. 1
		3200		
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- /	But -	3100	1/2 1	. /
100			1 /2	c. / '
. 80	70.	8500		,
		8600		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	cor.	COR. TEMP.
25	Positio.	~ ?		
50	R.A.	- 1: beat	of 1/2	usa Rova 1d.
100	to L.	or West per	to of	To Kenn ld.
200		320201	/	/
300	L.A.	- Lor Wes.	perk	on to Kera 10
400	to L.t.	Kamake	1d., 3	10 29'.
500	. ,			/
600	ma	Juli - 1	\$ 775	w. line.
700	7	1. Milion	1.0.20	124.1
800	1		Same	45-27
900				
1000				

P.L = ?0x

Machine. Reel. Machine

Turns Cor.+

Depth 24/

Shot whent Gon y Eng

Hand - no speci

Bottom temperature

No. of thermometer Corrected temperature

78° Surface 77° Drift

AirTrawl or dredge

SOUNDING WIRE		DREDGE	ROPE.
DOWN. Con. UP.	TURNS.	DOWN.	UP.
2:15 11.45	10 0		
25.26 35.	/5 100		
25.20 38.	200		
35.00 11.27.	-300-		
	400		
	500		
	600		
	700		
	800		
	900		
	1000		
	1100		
	1200		
	1300		
	1400		
	1500		
	1600		
	1700		
	1800		
	1900		
	2000		
	2100		
	2200		
	2300		
	2400		

SOUNDING WIRE.			DREDGE	ROPE.
DOWN.	UP.	TURNS.	DOWN,	UP.
1. =		اللاستان الماليان	effer-year	
r. 1	Di	2600	R.	2
	w , in , 10	2700		1200
	2 "	21.	0	11 4
n. = {	t. 0-	7 2800 C	- (6.0
A	CAC P	2000-2	appen / C	, 2%
/	,	3000		
		3100		
		3200		
		5300		
		3100		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Positi	men ;		
50	R. A.	- 1: £ L. £.	Jans	a Revaled.
100	1	30057:3	10 "	, ,
200	4.A.	6. £. (/a.	usa Re	maka Id.
300	•	to perk of	~ Ka	maka /d.
400		124054	1.	,
500	, -	, _		
600	1145	- S48:	10-): · <u>←</u>
700		115.72	<u>-</u> .	
800		1	14.0	7:26
900			, 3	· (3:7.
1000				/
11-1023		DESCADE	70	

35.7 Bottom temperature No. of thermometer 108023 Cor.

Corrected temperature 33, Air 78° Surface 77.5 Drift Trawl or dredge

SOUNDING WIRE.		DREDGE ROPE		
DOWN. UP.	TURNS.	DOWN.	UP	
12-13-15 12-45-30	0			
14-15 44-25	100			
15-15 73-30	200			
16-15 42-35	300			
17-15 21-49	400			
10-15 40-15	500			
1, -27 3/-55	600			
20-25 31-15	700			
21- 25 37-40	800			
22-50 35-40	900			
35-35	1000			
25-10 34-10	1100			
:1-15 83-05	1200			
31-50	1300			
12-30-12	1400			
	1500			
	1600			
	1700			
	1800			
	1900			
	2100			
	2200			
	2300			
	2400		1	

SOUNDING WIRE. DREDGE I

SOUNDING WIRE.			DREDG	E ROPE.
DOWN.	UP.	TURNS.	DOWN.	, UP
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Positi	on i		
50	R.A.	15046'	(Aus.	Revald.
100 .				
200	4.4.	- L.t. (/A.	ve R	vald. E
300	4.	or Enstern &	CAK OF	Au Kenn 10.
400		23010	1400	Au Kenn 10.
500				
600	1			
700	17× 3	-/ - S	433	· W. Im
800		7 1	8.11	t 1,
900			101	6.2021
1000			()	12 42 24

11-1023

No. Hy . 4531 Date 6 Febry. 05 Lucas Machine. Reel. Lucas

Turns Cor.+ Depth 2225 £mis

Shot or lead 60 lbs. & Snapper

Bottom Id. C.

Bottom temperature 35.7°

No. of thermometer 108023 Cor.

Corrected temperature 35

Air 80° Surface 79° Drift

SOUNDING WIRE.			DREDGE ROPE		
DOWN.	UP.	TURNS.	DOWN.	UP	
8-02-30		0			
3-20	51-00	100			
4-10	50-05	200			
5-00	49-15	300			
5-50	48-20	400			
6-45	47-25	500			
7-40	46-25	600		Nº 1	
8-35	45-25	700			
The second second	44-25	800			
10-30	43-25	900		3.	
11-25	42-20	1000			
12-25	41-15	1100		14	
13-25	40-10	1200			
14-30	39-05	1300		1 - 1	
15-30	37-55	1400			
16-35	36-40	1500			
	35-25	1600			
	34-10	1700		1	
	32-50	1800			
	3/-35	1900		- 45	
22 - 10	30-15	2000			
	28-50	2200		7	
24 - 30	27-25	22.25		1 1	

SOUNDING WIRE.			DREDGE ROPE.		
DOWN.	UP.	TURNS.	DOWN.	· UP.	
		2500			
		2600			
		2700			
		2800			
		2900			
	+ 4 -	3000			
		3100			
		3200			
		3300			
7		3400			
		3500			
		3600		-	
- /		3700			
		3800			
		3900			

SERIAL TEMPERATURES

4000

Ta-	
3	
No.	
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226

10° 17.7'S & p 631/2 miles form the 3thm thoing = 1090 45.5 W. 160 11-49

Par Hur. 47-17 47 11 2-2707 Dr 4721 Sig teo-3 22 st. bot faced stemme 17 " " 2" 12 " " 1 3' 4 " " 3 Snapper +30-11 560 Julio 435 8-3x-35 tohot expo-5x-as " - 2+1= Moto 7.68-